

ABSTRACT

Layout is one of the most important factors in a company so that the company can design the determination of its production facilities so that the production process becomes more optimal. The method used in designing this layout is the Activity Relationship Chart (ARC) method. The placement of production facilities at Sari Good Bakery is far from each other so that the distance and time for material handling are long. With this problem, companies are required to be able to further reduce the distance from each production facility in order to minimize the distance and time of material handling. Based on this research, the results show that the proposed layout of the research results has a shorter distance with a distance efficiency of 58.4% and travel time of 4,7% shorter, so that the proposed layout is proven to be more effective and efficient.

Keywords : Facility layout, Activity Relationship Chart, Material Handling